| Electronic Acl                           | knowledgement Receipt   |  |  |  |
|--|---|--|--|--|
| EFS ID:                                  | 1388257   |  |  |  |
| Application Number:                      | 10053079  |  |  |  |
| International Application Number:        |   |  |  |  |
| Confirmation Number:                     | 5536  |  |  |  |
| Title of Invention:                      | Fast and scalable approximation methods for finding minimum cost flows with shared recovery strategies, and system using same |  |  |  |
| First Named Inventor/Applicant Name:     | Lisa Karen Fleischer  |  |  |  |
| Correspondence Address:                  | Ryan, Mason & Lewis, LLP Suite 205 1300 Post Road - Fairfield CT 06430 US 2032556560 -  |  |  |  |
| Filer:                                   | Kevin M. Mason  |  |  |  |
| Filer Authorized By:                     |   |  |  |  |
| Attorney Docket Number:                  | 1-3-3-5   |  |  |  |
| Receipt Date:                            | 20-DEC-2006   |  |  |  |
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| Application Type:                        | Utility   |  |  |  |
| Payment information:                     |   |  |  |  |
| Submitted with Payment                   | yes   |  |  |  |
| Payment was successfully received in RAM | \$450   |  |  |  |

431

RAM confirmation Number

| Deposit Account | 500762 |
|-----------------|--------|

The Director of the USPTO is hereby authorized to charge indicated fees and credit any overpayment as follows:

Charge any Additional Fees required under 37 C.F.B. Section 1.16 and 1.17

## File Listing:

| Document<br>Number                  | Document Description                                | File Name         | File Size(Bytes) | Multi<br>Part /.zip | Pages<br>(if appl.) |  |  |  |
|-------------------------------------|---|-------------------|------------------|---------------------|---------------------|--|--|--|
| 1                                   |   | 1200-532_AMD2.pdf | 695289           | yes                 | 17                  |  |  |  |
|                                     | Multipart Description/PDF files in .zip description |                   |                  |                     |                     |  |  |  |
|                                     | Document Description                                |                   | Start            | End                 |                     |  |  |  |
|                                     | Amendment - After Non-Final Rejection               |                   | 1                | 1                   |                     |  |  |  |
|                                     | Specifica   | 2                 | 3                |                     |                     |  |  |  |
|                                     | Amendment Copy Claims/Response to Suggested Claims  |                   | 4                | 10                  |                     |  |  |  |
|                                     | Applicant Arguments/Remarks Made in an Amendment    |                   | 11               | 17                  |                     |  |  |  |
| Warnings:                           |   |                   |                  |                     |                     |  |  |  |
| Information:                        |   |                   |                  |                     |                     |  |  |  |
| 2                                   | Fee Worksheet (PTO-06)                              | fee-info.pdf      | 8199             | no                  | 2                   |  |  |  |
| Warnings:                           |   | '                 |                  |                     |                     |  |  |  |
| Information:                        |   |                   |                  |                     |                     |  |  |  |
| Total Files Size (in bytes): 703488 |   |                   |                  |                     |                     |  |  |  |

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## New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

## National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.